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date 5/18/82

memo

from Robert J. Rosing

to Mike Kosakowski @ Julie Klaas

Enclosed is a more detailed CV for Dr. Andelman and a copy of the article authored by him which we discussed during the conference call on 5/12/82.

BIOGRAPHICAL SKETCH

JULIAN B. ANDELMAN
Professor of Water Chemistry
Graduate School of Public Health
University of Pittsburgh

Birth date: 9/23/31
Birthplace: Boston, Massachusetts
Citizenship: U.S.A.

Education and Training

Harvard College, Biochemical Sciences, A.B. 1952
Polytechnic Institute of Brooklyn, Physical Chemistry, Ph.D. 1960
New York University, Post-doctoral Fellow, 1960-1961

Professional Employment

Graduate School of Public Health, University of Pittsburgh
Prof. (1973 to present); Assoc. Prof. (1967-1973); Asst. Prof. (1963-1967)
Dept. of Civil and Municipal Engineering, University College London
Visiting Faculty Member (1970-1971)
Bell Telephone Laboratories, New York City
Member of Technical Staff (1961-1963)

Recent Professional Activities

Member of National Academy of Sciences Committee for Safe Drinking Water, 1979-80;
also Panel on Quality Criteria for Water Reuse, 1979 to present.

Member of Editorial Advisory Board for Environmental Science and Technology, 1980 to present.

Chairman of the National Academy of Sciences-National Research Council (NAS-NRC) Panel which prepared the report Chloroform, Carbon Tetrachloride and Other Halomethanes: An Environmental Assessment (1978).

Chairman of the Gordon Research Conference on Reactions and Fates of Organics in Natural Waters (1978).

Member, American Chemical Society Committee on Environmental Improvement, 1976-1979.

Consultant, to E.P.A. Environmental Criteria and Assessment Office, Cincinnati, reviewing several criteria documents, 1978 through 1981.

Member, Air Pollution Hearing Board of Allegheny County, 1978 to present.

Member, Allegheny County Drinking Water Task Force, 1975 to present.

Invited testimony, E.P.A. National Hearings on Proposed Regulations on Organic Chemicals in Drinking Water, July 1978.

Member of Executive Committee, University of Pittsburgh Center for Environmental Epidemiology sponsored by the U.S. Environmental Protection Agency.

Recent Publications

- J.B. Andelman and T.C. Rozzell, "Plutonium in the Water Environment. I. Characteristics of Aqueous Plutonium" in Radionuclides in the Environment, (R. F. Gould, Ed.), Advances in Chemical Series No. 93, American Chemical Society, Washington, D.C., 1970, pp. 118-137.
- J.B. Andelman and M.J. Suess, "Polynuclear Aromatic Hydrocarbons in the Water Environment," Bulletin of the World Health Organization, 43, 479 (1970).
- J.B. Andelman and M.J. Suess, "The Photodecomposition of 3, 4-benzpyrene Sorbed on Calcium Carbonate," in Organic Compounds in Aquatic Environments, (S.J. Faust and J. Hunter, eds.), Marcel Dekker, New York, 1971.
- J.B. Andelman and S.C. Caruso, "Concentration and Separation Techniques," in Handbook of Water and Water Pollution, (L.L. Ciaccio, ed.), Marcel Dekker, New York, Volume 2, pp. 483-591, 1971.
- T.C. Rozzell and J.B. Andelman, "Plutonium in the Water Environment. II. Sorption of Aqueous Plutonium on Silica Surfaces," in Nonequilibrium Systems in Natural Water Chemistry, (R.F. Gould, Ed.), Advances in Chemistry Series 106, American Chemical Society, 1971, pp. 280-298.
- J.B. Andelman, "Concentration and Separation Techniques" and Analysis for Metal Pollutants," in Instrumental Analysis for Water Pollution Control, (K. H. Mancy, Ed.), Ann Arbor Science, 1971, pp. 33-62 and 231-250.
- J.B. Andelman and M.A. Shapiro, "Changes in Trace Element Concentrations in Water Treatment and Distribution Systems," in Proceedings of the Conference on Trace Substances in Environmental Health, University of Missouri, 1972, pp. 87-94.
- J.B. Andelman, "Incidence, Variability and Controlling Factors for Trace Elements in Natural Fresh Waters," in Trace Metals and Metal-Organics in Natural Waters, (P.C. Singer, Ed.), Ann Arbor Science, 1973, pp. 57-88.
- J.B. Andelman, "Trace Inorganics," Review of the Literature, J. Water Pollution Control Federation, 45, 982 (1973).
- J.B. Andelman, "World Health Organization, European Standards for Organic Matter in Water," in Proceedings of the Fifteenth Water Quality Conference, Organic Matter in Water Supplies: Occurrence, Significance and Control, University of Illinois, 1973, pp. 55-61.
- J.B. Andelman, "The Effect of Water Treatment and Distribution on Trace Element Concentrations" in Chemistry of Water Supply, Treatment and Disinfection, (A.J. Rubin, Ed.), Ann Arbor Science, 1974.
- J.B. Andelman and J.E. Snodgrass, "Incidence and Significance of Polynuclear Aromatic Hydrocarbons in the Water Environment," in Critical Reviews in Environmental Control, 4, 69-83 (1974).

National Academy of Sciences (J.B. Andelman, Panel Member), Vapor-Phase Organic Pollutants, Washington, D.C., 1976.

S.M. Novak and J.B. Andelman, "Analysis of the Effect of Stream Flow on Nitrogen and Phosphorus in the Ohio River," in Fate of Pollutants in the Air and Water Environment, Part 1, E. Suffet (Ed.), John Wiley and Sons, New York, 1977, pp. 379-398.

J.B. Andelman and J.D. Clise, "Water Reuse of Wastewater from a Poultry Processing Plant," in Proceedings of the Eighth National Symposium on Food Processing Wastes, EPA-600/2-77-184, U.S. Environmental Protection Agency, Washington, D.C., 1977.

National Academy of Sciences (J.B. Andelman, Panel Chairman), Chloroform, Carbon Tetrachloride and Other Halomethanes: An Environmental Assessment, Washington, D.C., 1978, 294 pp.

J.B. Andelman, Safety Evaluation of Renovated Wastewater from a Poultry Processing Plant, EPA-600/1-79-030, U.S. Environmental Protection Agency, Cincinnati, Ohio, 1979, 88 pp.

T.L. Lester, J.B. Andelman, R. Lau, and S. Wilson, "Isolation and Quantitation of Salmonella at a Poultry Processing Plant and in its Wastewater Renovation System," Submitted to Water Research.

J.B. Andelman, "Human Exposures to Waterborne Pollutants from Coal-Fired Steam Electric Powerplants," Proceedings of Symposium on Energy and Human Health, EPA-600/9-80-030, May 1980, pp. 205-230.

J.B. Andelman, "Inorganic Chemicals in Reuse Systems," Proceedings of Airline House Conference on Protocol Development: Criteria and Standards for Potable Reuse and Feasible Alternative Systems, U.S. Environmental Protection Agency, IN PRESS.

National Academy of Sciences (J.B. Andelman, Panel Member), Drinking Water and Health, Vol. 4, National Academy Press, Washington, D.C., 1982.

J.K. Wachter, J.B. Andelman, J.M. Beck and S. Nolle, "Organic Chemicals and Other Factors in Water Reuse at a Poultry Processing Plant," Proceedings of Water Reuse Symposium II, Vol. 2, pp. 862-880, Washington, D.C., 1981.

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